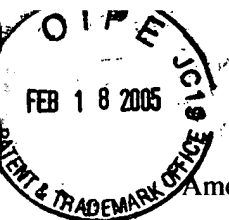


Amendments to Claims -- Patent Application No. 10/678,658 in response to Office Action 9752

- Claim 1. (currently amended) A non-incendiary directionally illuminated tracer bullet characterized by: a rearward shining light emitting diode ~~directional light source~~, and a power source for said light emitting diode ~~directional light source~~.
- Claim 2. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 1 in which the rearward shining directional light source is shock resistant and electrically powered.
- Claim 3. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 2 in which the rearward shining shock resistant and electrically powered directional light source is a light emitting diode.
- Claim 4. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 2 in which the rearward shining shock resistant and electrically powered directional light source is a laser diode.
- Claim 5. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 1 in which the rearward shining directional light source emits visible light.
- Claim 6. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 1 in which the rearward shining directional light source emits infrared light.
- Claim 7. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 1 in which the rearward shining directional light source emits ultraviolet light.
- Claim 8. (currently amended) The non-incendiary directionally illuminated tracer bullet of Claim 1 in which the power source is one or more electrochemical cells maintained in deactivated state by containing electrolyte in an ampoule.
- Claim 9. (currently amended) The non-incendiary directionally illuminated tracer bullet of Claim 8 in which electrochemical activation of the one or more electrochemical cells is brought about by ~~wetting the electrodes~~ being wetted with ~~an~~ electrolyte.
- Claim 10. (currently amended) The non-incendiary directionally illuminated tracer bullet of Claim 9 in which ~~the~~ electrochemical activation of at least one electrochemical cell is initiated by ~~rupture of the electrolyte containing ampoule~~ being ruptured, said rupturing being induced by rapid linear acceleration associated with firing the ammunition cartridge.
- Claim 11. (original) The non-incendiary directionally illuminated tracer bullet of Claim 10 in which the acceleration is radially directed and arises from axial spin imparted to the bullet by passage through a rifled gun barrel.



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- Claim 12. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 1 in which the power source is comprised of piezoelectric material and a capacitor.
- Claim 13. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 12 in which the piezoelectric material produces an electric charge when it is deformed when the non-incendiary tracer bullet is deformed by passage through a rifled gun barrel.